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RAW SEQUENCE LISTING

DATE: 06/05/2002

PATENT APPLICATION: US/10/057,832

TIME: 10:26:31

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3 <110> APPLICANT: Costa, Max
 4 Salnikow, Konstantin
 5 Yee, Herman
 7 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS USING CAP43 PROTEINS AND NUCLEIC
 ACIDS TO
 8 DIAGNOSE AND TREAT CANCER AND OTHER DISORDERS
 10 <130> FILE REFERENCE: 5986/11147US1
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/057,832
 C--> 12 <141> CURRENT FILING DATE: 2002-01-25
 12 <150> PRIOR APPLICATION NUMBER: US 10/057,832
 13 <151> PRIOR FILING DATE: 2002-01-25
 15 <160> NUMBER OF SEQ ID NOS: 3
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141 Gln Glu Gln Asp Ile Glu Thr Leu His Gly Ser Val His Val Thr Leu
142 35 40 45
145 Cys Gly Thr Pro Lys Gly Asn Arg Pro Val Ile Leu Thr Tyr His Asp
146 50 55 60
149 Ile Gly Met Asn His Lys Thr Cys Tyr Asn Pro Leu Phe Asn Tyr Glu
150 65 70 75 80
153 Asp Met Gln Glu Ile Thr Gln His Phe Ala Val Cys His Val Asp Ala
154 85 90 95
157 Pro Gly Gln Gln Asp Gly Ala Ala Ser Phe Pro Ala Gly Tyr Met Tyr
158 100 105 110
161 Pro Ser Met Asp Gln Leu Ala Glu Met Leu Pro Gly Val Leu Gln Gln
162 115 120 125
165 Phe Gly Leu Lys Ser Ile Ile Gly Met Gly Thr Gly Ala Gly Ala Tyr
166 130 135 140
169 Ile Leu Thr Arg Phe Ala Leu Asn Asn Pro Glu Met Val Glu Gly Leu
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173 Val Leu Ile Asn Val Asn Pro Cys Ala Glu Gly Trp Met Asp Trp Ala
174                               165                               170                               175
177 Ala Ser Lys Ile Ser Gly Trp Thr Gln Ala Leu Pro Asp Met Val Val
178                               180                               185                               190
181 Ser His Leu Phe Gly Lys Glu Glu Met Gln Ser Asn Val Glu Val Val
182                               195                               200                               205
185 His Thr Tyr Arg Gln His Ile Val Asn Asp Met Asn Pro Gly Asn Leu
186                               210                               215                               220
189 His Leu Phe Ile Asn Ala Tyr Asn Ser Arg Arg Asp Leu Glu Ile Glu
190 225                               230                               235                               240
193 Arg Pro Met Pro Gly Thr His Thr Val Thr Leu Gln Cys Pro Ala Leu
194                               245                               250                               255
197 Leu Val Val Gly Asp Ser Ser Pro Ala Val Asp Ala Val Val Glu Cys
198                               260                               265                               270
201 Asn Ser Lys Leu Asp Pro Thr Lys Thr Thr Leu Leu Lys Met Ala Asp
202                               275                               280                               285
205 Cys Gly Gly Leu Pro Gln Ile Ser Gln Pro Ala Lys Leu Ala Glu Ala
206                               290                               295                               300
209 Phe Lys Tyr Phe Val Gln Gly Met Gly Tyr Met Pro Ser Ala Ser Met
210 305                               310                               315                               320
213 Thr Arg Leu Met Arg Ser Arg Thr Ala Ser Gly Ser Ser Val Thr Ser
214                               325                               330                               335
217 Leu Asp Gly Thr Arg Ser Arg Ser His Thr Ser Glu Gly Thr Arg Ser
218                               340                               345                               350
221 Arg Ser His Thr Ser Glu Gly Thr Arg Ser Arg Ser His Thr Ser Glu
222                               355                               360                               365
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233 <210> SEQ ID NO: 3

234 <211> LENGTH: 2131

235 <212> TYPE: DNA

236 <213> ORGANISM: Homo sapiens

238 <400> SEQUENCE: 3

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251 gtagtttagc caaactcttc tagcagcaaa acccatgaca ctggaactct gttcttcaca      420
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255 aatotaatcc tctccctttg ccagtgaagaa ttctgaagcc cagatttggt gatttgtgat      540
257 cgatagtgtc aaagacaggc ctgaaacaca gatgtcctgg gtcctagagg tgctgtttgc      600
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261 aggggaaagc catggccctt gccttgggga cagcatgggt tggcacagaa aagagggtta      720
263 caattcagca ggaagtgttg tgcgtgcgcg cgtgtgtgtc tgtggaggcg cagggagggt      780
265 cacctgagct tgccctgggt ctggtcctgg gctcagtggc aaattcaacg ctgggcaggt      840

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271 aaaaacccca atgcccagtt ggtttgcacc ccctgagatt ctgattaaac tgttctggag 1020
273 tccatctctc tctttttatt atctatctat ttattttatt tttaatttgg cggctcctct 1080
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VERIFICATION SUMMARY

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date